



TECHNICAL UNIVERSITY OF MOMBASA

FACULTY OF APPLIED AND HEALTH SCIENCES

DEPARTMENT OF PURE & APPLIED SCIENCES

UNIVERSITY EXAMINATION FOR:

BACHELOR OF SCIENCE COMMUNITY HEALTH (BSCH-15S)

AAB 4110 : HUMAN ANATOMY AND PHYSIOLOGY II PAPER 2

END OF SEMESTER EXAMINATION

SERIES: APRIL 2016

TIME: 2 HOURS

DATE: Pick Date Select Month Pick Year

Instructions to Candidates

You should have the following for this examination

-Answer Booklet, examination pass and student ID

This paper consists of Choose No questions. Attempt Choose instruction.

Do not write on the question paper.

Question ONE

- a) State the primary function of the saliva (3marks)

- b) Name the three types of secretory cells responsible in producing gastric juice (3marks)

- c) State the two hormones produced in the posterior pituitary gland and their functions? (4marks)

- d) Differentiate between endocrine and exocrine gland (4marks)

- e) Discuss the three structural characteristics of red blood cells which contribute to gas transport (3marks)

- f) Discuss the three types of lymphocytes and their functions (6marks)

- g) State the two functions of platelets (2marks)

- h) State the homeostatic regulation functions of the urinary system (5marks)

Question TWO

- a) Name the function of the ovary (4marks)
- b) State the function of the vagina (4marks)
- c) Discuss fertilization of the ovary in the female reproductive system with the aid of a diagram (12marks)

Question THREE

Discuss the different types of granulocytes with their functions (20marks)

Question FOUR

- a) Discuss the transport of gases in the blood stream (8marks)
- b) Discuss the parts of the ear with their functions (12marks)

Question FIVE

Discuss the sequence of flow of air from the nose to the lungs (20marks)